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(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **VAN OVERVELD, Cornelius, W., A., M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **ERNST, Fabian, E.** [DE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven

(NL). **REDERT, Peter-Andre** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **RODRIGUES, Rui, P., A.** [PT/PT]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **WILINSKI, Piotr** [PL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

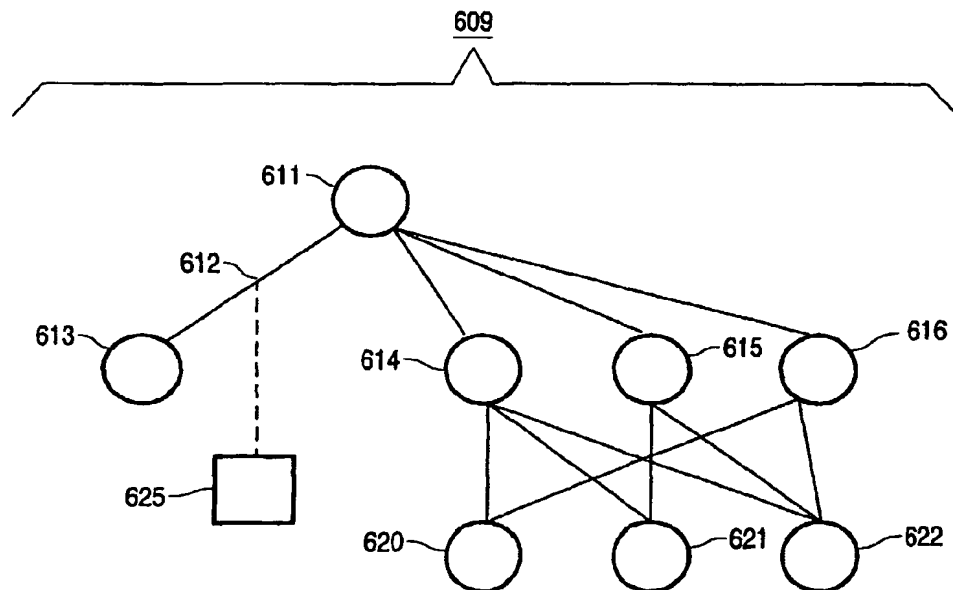
(74) Agent: **GROENENDAAL, Antonius, W., M.**; Philips Intellectual Property & Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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(54) Title: **TOPOLOGICAL IMAGE MODEL**



(57) Abstract: Method of transforming a voxel representation of an N-dimensional object into a computer model containing a cellular space, which is a specific form of graph. An indicator attached to each edge of the cellular space indicates whether a border belongs to an object. This is useful for three-dimensional compression of video sequences and for Internet video sequence search.

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